

**DO NOT HAND THIS IN! If you hand this to me, you will lose points.**

1. Expand the following expression into standard form.

$$(7x - 2)(8x - 5)$$

2. Solve the equation.

$$(7x - 9)(3x + 4) = 0$$

3. Expand the following expression into standard form.

$$(9x - 8)(9x + 8)$$

4. Expand the following expression into standard form.

$$(5x - 3)^2$$

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5. Factor the expression.

$$x^2 - 5x + 6$$

6. Factor the expression.

$$25x^2 - 49$$

7. Solve the equation with factoring by grouping.

$$8x^2 - 10x + 12x - 15 = 0$$

8. Solve the equation.

$$8x^2 - 28x + 16 = 3x^2 - 5x + 4$$